

## ECS Configuration Change Request

Page 1 of

Page(s)

<b>1. Originator</b> Cherry Kenney	<b>2. Log Date:</b> 03/15/02	<b>3. CCR #:</b> 02-0217	<b>4. Rev:</b> —	<b>5. Tel:</b> 301-883-4177	<b>6. Rm #:</b> 3204D	<b>7. Dept.</b> DEV/CO
<b>8. CCR Title:</b> Patch_ 6A.05_PDPS.01A. For All DAACs Contains fix for Six SEV 2 NCRs and Two SEV 2 NCRs. and One SEV NCR.						
<b>9. Originator Signature/Date</b> Jenny Lynn Boliek for Cherry Kenney /s/ 3/15/02		<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 15Mar02		
<b>13. Office Manager Signature/Date</b> Mark McBride /s/ 3/15/02		<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Emergency		
<b>16. Documentation/Drawings Impacted:</b>		<b>17. Schedule Impact:</b>		<b>18. CI(s) Affected:</b> PDPS		
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 15Mar02		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 33044, 32896, 33035, 31875, 32542, 32668, 33387, 33594, 23092						
<b>23. Problem: (use additional Sheets if necessary)</b> Sv=2, ECSed33044, ASTER OnDemand NonStandard L1B orders failing, Sv=2, ECSed32896, Granule insert notifications discarded if error received Sv=2, ECSed33035, DPS Garbage Collection Not Cleaning off Enough Space Sv=2, ECSed31875, PDPS:Planning Workbench Gui does not Sv=2, ECSed32542, nput granules problem (See page 2 for additional NCRs)						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Deliver Patch_6A.05_PDPS.01A. Patch can be installed on top of 6A.05 Initial delivery. Tarfile was made on March 1, 2002.						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Delay testing; wait until next full system delivery.						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Delays in testing or possible delays in 6A.05 operational testing						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> Needed immediately following the delivery of 6A.05.						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>			<b>30. Work Assigned To:</b>		<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> Randall J. Miller /s/ 3/15/02		<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Pamela Johnson /s/ 3/15/02		<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>34. ECS CCB Chair (Sign/Date):</b>		<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

# ADDITIONAL SHEET

**CCR #:**                      **Rev:**                      **Originator:** Cherry Kenney

**Telephone:** 301-883-4177                      **Office:** 3204D

**Title of Change:** Patch\_ 6A.05\_PDPS.01A. For All DAACs Contains fix for Six SEV 2 NCRs and Two SEV 2 NCRs. and One SEV NCR.

Actions

Clearcase

Please Build from the 6A.05 baseline:

Tar file for Patch\_6A.05\_PDPS.01A

The SUN tar file will contain the following packages:

- > .EcDpPrPLNMGMTWS.pkg
- > .EcDpPrQUESRVR.pkg
- > .EcPIPLNMGMTWS.pkg
- > .EcPIQUESRVR.pkg
- > .EcPIODPRM.pkg
- > .EcDpAITWS.pkg
- > .EcPIDatabase.pkg

The IRIX tar file will contain the following package:

- > .EcDpScSCNCPRCS.pkg

Please deliver tar files to all DAACs.

## DAAC INSTALL INSTRUCTIONS

1. Get TAR Files from CM distribution.

- > .EcDpPrPLNMGMTWS.pkg
- > .EcDpPrQUESRVR.pkg
- > .EcPIPLNMGMTWS.pkg
- > .EcPIQUESRVR.pkg
- > .EcPIODPRM.pkg
- > .EcDpAITWS.pkg
- > .EcPIDatabase.pkg
- > .EcDpScSCNCPRCS.pkg

2. UNTAR the files and copy to the staging area using the Setup.ksh file. Be sure to select "Y" when prompted for "Update ECS Assist Common Files" to get the latest version of ECS ASSIST. THIS MUST BE RUN AS ROOT.

3. On a SUN host, use E.A.S.I. to perform automated installation of all eight packages listed.

4. On the host where the PDPS Database package (.EcPIDatabase.pkg) is installed, bring up Ecs Assist Subsystem Manager and installed the following database Patches:

Patch 6A25 - Modifies the Store Procedur ProcCleanup (NCR 32948) - Use of EcPIDbClean script corrupts PDPS DB

Patch 6A26 - Modified schema on PINotificaton, added volume noOfRetry

Patch 6A27 - This commented out exiting if takeAllAmt number of granules has been reached. If the amount of space requested is 0, then this will be taken to mean that a cleanup should be executed no matter how much space is available on the disk. I.E. the check to see if there is already enough space will be bypassed. Normally, the code will not call this procedure

if there is a sufficient amount of space on the disk and the further check is therefor a moot point. In order to allow for a proactive cleanup, either during scheduled maintenance or by a future garbage collector running in the background, it is necessary to bypass the check NOTE: It is assumed that there is only one partition per computer since it can be noted that there is no disk partition argument to this procedure. It is left as a further exercise to modify this procedure to clean up \*all\* partitions if the space requested is 0.

5. Restart PDPS servers

6. Make sure the PDPS servers are up and running. Check the output logs for any errors.

\*\*\*\*\*END OF INSTALL INSTRUCTIONS\*\*\*\*\*

Additional NCRs from page 1

Sv=3, ECSed32668, EcPIDbResetMkcfg and EcPIDbSaveMkcfg - Usage should be specified

Sv=2, ECSed33387, GSFC/SMC: PM1 attitude dependency on ephemeris too restricted

Sv=5, ECSed33594 PM-1 DPREP change in PMCOGBAD mnemonics., Assigned to = kummerer, Found: 0

Sv=3, ECSed23092, PRE needs to check for null PGE UR before planning DPRs for PGE

Test Report and Release Notes are attached.